

## PCT REQUEST

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SH-18948-PCT

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0	For receiving Office use only	<b>Rec'd PCT/PTO 28 SEP 2004</b>  <b>10/509367</b>
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.01.2003)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office (RO/KR)
0-7	Applicant's or agent's file reference	SH-18948-PCT
I	Title of invention	RECORDING METHOD USING REACTION AND DIFFUSION, RECORDING MEDIUM RECORDED ON USING THE RECORDING METHOD, AND RECORDING/REPRODUCING APPARATUS FOR THE RECORDING MEDIUM
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	SAMSUNG ELECTRONICS CO., LTD.
II-5	Address:	416 Maetan-dong, Paldal-gu Suwon-city 442-373 Kyungki-do Republic of Korea
II-6	State of nationality	KR
II-7	State of residence	KR
II-8	Telephone No.	82-31-200-3063
II-9	Facsimile No.	82-31-200-3272
II-10	e-mail	hyo76@samsung.com
II-11	Applicant's registration No. with the Office	1-1998-104271-3

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<b>III-1</b>	<b>Applicant and/or inventor</b>	
III-1-1	This person is:	<b>applicant and inventor</b>
III-1-2	Applicant for	<b>US only</b>
III-1-4	Name (LAST, First)	<b>KIM, Joo-Ho</b>
III-1-5	Address:	<b>2-24-4 Matsusiro Tsukubasi, Ibaraki 305-0035 Japan</b>
III-1-6	State of nationality	<b>KR</b>
III-1-7	State of residence	<b>JP</b>
<b>III-2</b>	<b>Applicant and/or inventor</b>	
III-2-1	This person is:	<b>applicant and inventor</b>
III-2-2	Applicant for	<b>US only</b>
III-2-4	Name (LAST, First)	<b>TOMINAGA, Junji</b>
III-2-5	Address:	<b>1-1-1 Higashi Tsukubasi, Ibaraki 305-8562 Japan</b>
III-2-6	State of nationality	<b>JP</b>
III-2-7	State of residence	<b>JP</b>
<b>IV-1</b>	<b>Agent or common representative; or address for correspondence</b>	
	The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	<b>agent</b>
IV-1-1	Name (LAST, First)	<b>LEE, Young-Pil</b>
IV-1-2	Address:	<b>The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu 137-874 Seoul Republic of Korea</b>
IV-1-3	Telephone No.	<b>82-2-588-8585</b>
IV-1-4	Facsimile No.	<b>82-2-588-8586</b>
IV-1-5	e-mail	<b>iplaw@ypleepat.com</b>
IV-1-5	Agent's registration No.	<b>9-1998-000334-6</b>

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<b>V</b>	<b>Designation of States</b>	
<b>V-1</b>	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p>EP: AT BE BG CH&amp;LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p>OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p>
<b>V-2</b>	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&amp;LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW</p>
<b>V-5</b>	<b>Precautionary Designation Statement</b>  In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
<b>V-6</b>	<b>Exclusion(s) from precautionary designations</b>	<b>NONE</b>
<b>VI-1</b>	<b>Priority claim of earlier national application</b>	
VI-1-1	Filing date	28 March 2002 (28.03.2002)
VI-1-2	Number	2002-92662
VI-1-3	Country	JP
<b>VII-1</b>	<b>International Searching Authority Chosen</b>	Korean Intellectual Property Office (KIPO) (ISA/KR)

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<b>VIII</b>	<b>Declarations</b>	<b>Number of declarations</b>	
VIII-1	Declaration as to the identity of the inventor	—	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	—	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	—	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	—	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	—	
<b>IX</b>	<b>Check list</b>	<b>number of sheets</b>	<b>electronic file(s) attached</b>
IX-1	Request (including declaration sheets)	<b>5</b>	—
IX-2	Description	<b>17</b>	—
IX-3	Claims	<b>11</b>	—
IX-4	Abstract	<b>1</b>	<b>EZABST00.TXT</b>
IX-5	Drawings	<b>10</b>	—
IX-7	TOTAL	<b>44</b>	
	<b>Accompanying items</b>	<b>paper document(s) attached</b>	<b>electronic file(s) attached</b>
IX-8	Fee calculation sheet	✓	—
IX-9	Original separate power of attorney		—
IX-17	PCT-EASY diskette	—	<b>Diskette</b>
IX-19	Figure of the drawings which should accompany the abstract	<b>4</b>	
IX-20	Language of filing of the international application	<b>English</b>	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	<b>LEE, Young-Pil</b>	

**FOR RECEIVING OFFICE USE ONLY**

<b>10-1</b>	<b>Date of actual receipt of the purported international application</b>	
<b>10-2</b>	<b>Drawings:</b>	
10-2-1	Received	
10-2-2	Not received	
<b>10-3</b>	<b>Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application</b>	
<b>10-4</b>	<b>Date of timely receipt of the required corrections under PCT Article 11(2)</b>	
<b>10-5</b>	<b>International Searching Authority</b>	<b>ISA/KR</b>
<b>10-6</b>	<b>Transmittal of search copy delayed until search fee is paid</b>	

**PCT REQUEST**

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11-1	Date of receipt of the record copy by the International Bureau	
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**PCT (ANNEX - FEE CALCULATION SHEET)**

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(This sheet is not part of and does not count as a sheet of the international application)

<b>0</b>	<b>For receiving Office use only</b>		
<b>0-1</b>	International Application No.		
<b>0-2</b>	Date stamp of the receiving Office		
<b>0-4</b>	<b>Form - PCT/RO/101 (Annex)</b>		
<b>0-4-1</b>	PCT Fee Calculation Sheet Prepared using	<b>PCT-EASY Version 2.92 (updated 01.01.2003)</b>	
<b>0-9</b>	Applicant's or agent's file reference	<b>SH-18948-PCT</b>	
<b>2</b>	Applicant	<b>SAMSUNG ELECTRONICS CO., LTD., et al.</b>	
<b>12</b>	<b>Calculation of prescribed fees</b>	fee amount/multiplier	Total amounts (KRW)
12-1	Transmittal fee <b>T</b>	⇒	<b>45,000</b>
12-2-1	Search fee <b>S</b>	⇒	<b>150,000</b>
12-2-2	International search to be carried out by	<b>KR</b>	
12-3	International fee		
	Basic fee (first 30 sheets) <b>b1</b>	<b>530,000</b>	
12-4	Remaining sheets	<b>14</b>	
12-5	Additional amount <b>(X)</b>	<b>12,000</b>	
12-6	Total additional amount <b>b2</b>	<b>168,000</b>	
12-7	<b>b1 + b2 = B</b>	<b>698,000</b>	
12-8	Designation fees		
	Number of designations contained in international application	<b>94</b>	
12-9	Number of designation fees payable (maximum 5)	<b>5</b>	
12-10	Amount of designation fee <b>(X)</b>	<b>114,000</b>	
12-11	Total designation fees <b>D</b>	<b>570,000</b>	
12-12	PCT-EASY fee reduction <b>R</b>	<b>-163,000</b>	
12-13	Total International fee (B+D-R) <b>I</b>	⇒	<b>1,105,000</b>
<b>12-17</b>	<b>TOTAL FEES PAYABLE (T+S+I+P)</b>	⇒	<b>1,300,000</b>
<b>12-19</b>	Mode of payment	<b>cash</b>	

**VALIDATION LOG AND REMARKS**

<b>13-2-1</b>	Validation messages Request	<b>Green?</b> The title of the invention shall be short and precise. Please verify.
<b>13-2-2</b>	Validation messages States	<b>Green?</b> More designations could be made. The following States have not been designated: JP. Please verify.

**PCT (ANNEX - FEE CALCULATION SHEET)**

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13-2-7	Validation messages Contents	<b>Green?</b> Priority 1. The priority document is not enclosed. (The applicant must furnish it within 16 months from the earliest priority date claimed)
		<b>Yellow</b> Accompanying item "original separate power of attorney" has not been indicated as enclosed.
13-2-1 1	Validation messages For receiving Office/International Bureau use only	<b>Green?</b> Verify electronic data for consistency against printed form.